

Annex SFB

Studienfachbeschreibung (subject description, SFB) for the subject Information Systems as a Master's with 1 major with the degree "Master of Science" (120 ECTS credits)

Responsible: Faculty of Management and Economics

Examination regulations version: 2024

Abbreviations used: Course types: **E** = field trip, **K** = colloquium, **O** = conversatorium, **P** = placement/lab course, **R** = project, **S** = seminar, **T** = tutorial, **Ü** = exercise, **V**

= lecture

Term: **SS** = summer semester, **WS** = winter semester

Methods of grading: NUM = numerical grade, B/NB = (not) successfully completed

Regulations: (L)ASPO = general academic and examination regulations (for teaching-degree programmes), FSB = subject-specific provisions, SFB

= list of modules

Other: **A** = thesis, **LV** = course(s), **PL** = assessment(s), **TN** = participants, **VL** = prerequisite(s)

Conventions for the modules in this SFB:

Unless otherwise stated, courses and assessments will be held in German, assessments will be offered every semester and modules are not creditable for bonus.

Information on assessment procedures:

Should there be the option to choose between several methods of assessment, the lecturer will agree with the module coordinator on the method of assessment to be used in the current semester by two weeks after the start of the course at the latest and will communicate this in the customary manner.

Should a module comprise more than one graded assessment, all assessments will be equally weighted, unless otherwise stated below.

Should the assessment comprise several individual assessments, successful completion of the module will require successful completion of all individual assessments.

In accordance with the general regulations governing the degree subject described in this module catalogue:

ASP02015

associated official publications (FSB (subject-specific provisions)/SFB (list of modules)):

20-Mar-2024 (2024-29)

This module handbook seeks to render, as accurately as possible, the data that is of statutory relevance according to the examination regulations of the degree subject. However, only the FSB (subject-specific provisions) and SFB (list of modules) in their officially published versions shall be legally binding. In the case of doubt, the provisions on, in particular, module assessments specified in the FSB/SFB shall prevail.

Every module will be described using the following form:

Abbreviation	Module title												
	ECTS		Duration	(in semesters)	Method of grading		Module level						
	Courses		To be spe	cified in the form X	(y) with course type ?	(abbreviated as specified abo	ve and number of we	ekly contact hours y					
	Method of as	ssessme	ent										
	Only after su completion o		l if applica	fapplicable									
	Other prereq	uisites	if applica	if applicable									
	Participants on of places		cati- if applica	if applicable									
	Additional in	formation	on if applica	if applicable									
	Referred to in	n LPO I	if applica	ble (examination re	gulations for teachin	g-degree programmes)							

Compulsory Course	es (20 EC	CTS cred	lits)									
12-M-IS-242-m01	Inform	ation Sy	/stems									
	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	!S		S (2) Modu	le taught in: Germar	n and/or English						
	Method	d of ass	essment	b) ter Langu	a) written examination (approx. 60 minutes) or b) term paper (15 to 20 pages) anguage of assessment: German and/or English creditable for bonus							
12-M-PSI-242-m01	Project	Semina	ar									
	ECTS	15	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	!S	•	S (2) Modu	(2) odule taught in: German and/or English							
	Method	d of ass	essment	300 h Langu	project: preparing a conceptual design (approx. 150 hours), designing and implementing an approach to solution (approx 300 hours) as well as presentation (approx. 20 minutes), weighted 1:2:1 Language of assessment: German and/or English creditable for bonus							
Compulsory Electiv	es I: Fur	ndamen	tals Comp	outer S	cience (20 ECTS cre	dits)						
10-l=IR-212-m01	Inform	ation Re	etrieval									
	ECTS	5	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	!S		V (2) -	+ Ü (2)			*				
	Method	d of ass	essment	written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus								
	Additio	nal Info	rmation	Focus	es available for stud	dents of the Master's	programme Informatik	(Computer Science, 12	o ECTS credits): IT,KI,HCI,GE			

10-l=SSS-232-m01	Securit	y of Sof	tware Sy	stems	1			-						
	ECTS	5	Duration	n	1 semester	Method of grading numerica	l grade	Modul level	graduate					
	Course	S			+ Ü (2) ıle taught in: Eng	lish		-						
	Method	l of asso	essment	If anr of on date) Lang	nounced by the le e candidate each	opprox. 60 to 120 minutes) cturer at the beginning of the cours (approx. 20 minutes) or an oral ex ent: English								
	Additio	nal Info	rmation	Focus SEC,I	es available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): SE,KI,LR, HCI, E I									
	Referre	d to in L	-PO I	§ 22	22 II Nr. 3 b)									
10-I=SAR-161-m01		re Archi	itecture											
	ECTS	5	Duration		1 semester	Method of grading numerica	l grade	Modul level	graduate					
	Course	S		V (2)	(2) + Ü (2) ritten examination (approx. 60 to 120 minutes).									
	method	1 01 dSS	essment	If anr of on date) Lang	nounced by the le e candidate each	cturer at the beginning of the course (approx. 20 minutes) or an oral exent: German and/or English								
	Additio	nal Info	rmation	Focus SE,IT		students of the Master's programm	ne Informatik (Compu	iter Science, 12	o ECTS credits):					
	Referre			§ 22	II Nr. 3 b)									
		al Intell	igence 1					,						
		5	Duration		1 semester	Method of grading numerica	l grade	Modul level	graduate					
	Course			<u> </u>	+ Ü (2)									
				If anr of on date) Lang credi	written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral exami of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per date). Language of assessment: German and/or English creditable for bonus									
	Additio	nal Info	rmation	Focus	ses available for s	students of the Master's programm	ne Informatik (Compu	ıter Science, 12	o ECTS credits): AT,SE,KI,HCI					

10-l=ST-232-m01	Discret	e Event	Simulation	n									
	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate					
	Course	S	•	V (2) -	+ Ü (2)		•						
	Method	d of ass	essment	If ann of one date).	ounced by the lect e candidate each (a	prox. 60 to 120 minutes) curer at the beginning of the course, the written exapprox. 20 minutes) or an oral examination in grout: German and/or English	xamination may be oups of 2 candidates	replaced by an oral examination s (approx. 15 minutes per candi-					
				IT,KI,E	ocuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): ,KI,ES,GE,IN								
		d to in I			Nr. 3 b)								
10-I=APR-212-m01	Advanc	ed Prog	gramming										
	ECTS 5 Duratio			1	1 semester	Method of grading numerical grade	Modul level	graduate					
	Course	S		V (2) -	+ Ü (2)								
				If ann of one date).	e candidate each (a	replaced by an oral examination s (approx. 15 minutes per candi-							
	Additio	nal Info	ormation		Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): SE,KI,LR, HCI, ES,GE,SEC								
10-l=NLP-212-m01	Machir	ie Learr	ing for Na	tural I	Language Processi	ing							
	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate					
	Course			V (2) -									
	Method	d of ass	essment	If ann of one date).	written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination If one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Idate). Idate). Idate of assessment: German and/or English Idate of assessment of a candidate of a candid								
	Additio	nal Info	rmation	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): AT,KI,HCI									
	Referre	d to in I	LPO I	§ 22 II Nr. 3 b)									

10-l=Kl2-212-m01	Artificial Intelligence 2												
	ECTS	5	Duration	า	1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses	S		V (2) ·	+ Ü (2)								
	Method	l of ass	essment	If ann	ounced by the lec e candidate each (oprox. 60 to 120 minutes) turer at the beginning of the course, the written approx. 20 minutes) or an oral examination in §							
				credit	age of assessmer able for bonus	nt: German and/or English							
					cuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): AT,SE,KI,HCI,GE								
10-I=PNN-212-m01					r								
		5	Duration		1 semester	graduate							
	Courses			V (2) ·	+ U (2) en examination (approx. 60 to 120 minutes)								
				If ann of one date). Langu credit	ounced by the lec e candidate each (.age of assessmer able for bonus	replaced by an oral examination s (approx. 15 minutes per candi-							
				Focus	es available for st	udents of the Master's programme Informatik (Computer Science, 120	ECTS credits): SE,IT,KI,HCI,GE					
10-I=STM-162-m01		d Text M	Mining										
		5	Duration		1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses				+ Ü (2)		,						
	Method	l of ass	essment	If ann of one date).	written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral exam of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes pedate). Language of assessment: German and/or English								
	Additio	nal Info	rmation	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): AT, IT, HCI.									
	Referre	d to in I	PO I	§ 22 II Nr. 3 b)									

10-l=SB-212-m01	Systen	ns Benc	hmarking									
	ECTS	5	Duration		1 semester	Method of grading nur	nerical grade	Modul level	graduate			
	Course	S		V (2)	+ Ü (2)							
	Method	d of ass	sessment	If ann of one date) Langu	anguage of assessment: German and/or English reditable for bonus							
	Additio	nal Info	ormation		cuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): IT,ES,HCI,GE							
10-AI=CV1-242-	Compu	iter Visi	ion 1									
mo1	ECTS	5	Duration	ı	1 semester	Method of grading nun	nerical grade	Modul level	graduate			
	Course	S			/ (2) + Ü (2) Module taught in: English							
	Method	d of ass	sessment	If ann of one date) Langu	ounced by the lec e candidate each (approx. 20 minutes) or an o			replaced by an oral examination s (approx. 15 minutes per candi-			
10-l=IP-222-m01	Image	Process	sing and C	ompu	tational Photograp	ohy						
	ECTS	5	Duration	ı	1 semester	Method of grading num	nerical grade	Modul level	graduate			
	Course	S			V (2) + Ü (2) Module taught in: English							
	Method	d of ass	sessment	If ann of one date) Langu	written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: English creditable for bonus							
	Referre	d to in	LPO I	§ 22 l	I Nr. 3 b)							

	Multilir	ngual N	LP					1				
NLP-232-m01	ECTS	5	Duratio	า	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		V (2) - Modu	+ Ü (2) le taught in: Germar	n and/or English		·				
				If ann of one date). Langu credit	ounced by the lecture candidate each (ap lage of assessment: able for bonus		of the course, the written ex- r an oral examination in grou		replaced by an oral examination s (approx. 15 minutes per candi-			
	Referre			§ 22 II Nr. 3 b)								
10-I=SNA-232-m01			1		î	[· · · - · ·	T	1				
		5	Duratio		1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S			(2) + Ü (2) Iodule taught in: English							
				If ann of one date). Langu	written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examof one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes pedate). Language of assessment: English creditable for bonus							
				Focus	es available for stuc	dents of the Master's	programme Informatik (Con	nputer Science, 120	o ECTS credits): IN			
10-l=OR-232-m01	Operati											
	ECTS	5	Duratio		1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		V (2) · Modu	+ Ü (2) le taught in: Germar	n and/or English						
	Method	d of ass	essment	If ann of one date). Langu	written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus							
	Additio	nal Info	rmation	on Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): IN								
	Referre	d to in I	LPO I	§ 22 l	l Nr. 3 b)							

10-l=MLN1-232-	Machin	e Learr	ing for Ne	etworks 1							
mo1	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S		V (2)							
					le taught in: English				-		
	Method	d of ass	essment	If ann of one date). Langu	ounced by the lectu e candidate each (ap	oprox. 20 minutes) oi	of the course, the writte		eplaced by an oral examination (approx. 15 minutes per candi-		
	Additio	nal Info	rmation	Focus	es available for stud	dents of the Master's	programme Informatik	(Computer Science, 120	ECTS credits): AT,IT,SE,KI,HCI,IN		
	Referre	d to in I	LPO I	1 § 22 II Nr. 3 b)							
10-l=DM-232-m01	Data So	cience									
	ECTS	5	Duration	า	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S		V (2) -	+ Ü (2)			·			
	Method	l of ass	essment	If ann of one date). Langu	ounced by the lectu e candidate each (ap		of the course, the writter an oral examination in		eplaced by an oral examination (approx. 15 minutes per candi-		
	Additio	nal Info	rmation	Focus SEC, I		dents of the Master's	programme Informatik	(Computer Science, 120	ECTS credits): IT, KI, HCI, GE,		

Compulsory Elective Out of the four trac												
Track 1: Enterprise	System	1s (20 EC	TS credit	s)								
Core (10 ECTS credi	its)											
12-M-GPU-242-	Busin	ess Softv	vare 1: Ma	anagen	nent and Implemen	ation of Information	Systems					
mo1	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course			V (2) - Modu	- Ü (2) le taught in: Germa	n and/or English						
	Metho	od of asso	essment	b) ora minut c) terr Langu Asses	a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: approx. 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) or c) term paper (15 to 20 pages) Language of assessment: German and/or English Assessment offered: once a year, winter semester creditable for bonus							
		ipants ar of place		50 places. WM1: Should the number of applications exceed the number of available places, places will be allocated as follows: 1) Master's students of Information Systems, Management and Economathematics will be given preferential consideration. (2) The remaining places will be allocated to students of other subjects. (3) When places are allocated in accordance with (1) and (2) and the number of applications exceeds the number of available places, places will be allocated by lot among applicants from this group.								
12-M-ERP-242-m01	Busin	ess Softv	vare 2: Da	ta-driv	en Business Proce	s Management and	Automation	,				
	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	es		V (2) - Modu	- Ü (2) le taught in: Germa	n and/or English		1				
	Metho	od of asso	essment	b) ora minut c) terr Langu Asses	l examination (one es) or n paper (15 to 20 pa age of assessment:	• •	ox. 10 to 15 minutes, groups	of 2: approx. 20 I	minutes, groups of 3: approx. 30			
		ipants ar of place		1) Mas (2) Th (3) Wh	d the number of ap ster's students of In e remaining places nen places are alloc	formation Systems, N will be allocated to st ated in accordance w	udents of other subjects.	ematics will be gi	ocated as follows: ven preferential consideration. exceeds the number of available			

Core Electives (10 E	CTS cred	dits)											
10-I=PM-212-m01	Profess	ional P	roject Ma	nagem	ent								
	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	5		V (4)	4)								
	Method	l of asse	essment	If ann of one date).	written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus								
	other p	rerequis	sites	We recommend completing module 10-I=PRJAK in parallel.									
	Additio	nal Info	rmation	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): SE,IT,KI,ES,LR,HCI,GE									
10-I=PRJAK-212-	Project	oject - Current Topics in Computer Science											
mo1	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	5		P (4)									
	Method of assessment			project report (10 to 15 pages) and presentation of project (15 to 30 minutes) Language of assessment: German and/or English Assessment offered: In the semester in which the course is offered (Each project is offered one time only. The project will not be repeated; there will not be another project with the same topic. Assessment can, therefore, only be offered for the project offered in the respective semester)									
	Additio	ional Information Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): AT, SE, IT, KI, ES LR, HCI, GE						ECTS credits): AT, SE, IT, KI, ES,					

12-M-SBM-242-	Industr	ustrial Management 1											
mo1	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul	level	graduate			
	Course	S			+ Ü (2) le taught in: Germa	ın and/or English		•					
	Method	d of ass	sessment	b) pre c) terr d) por Langu Asses	written examination (approx. 40 to 60 minutes) or presentation (approx. 20 minutes) and term paper (15 to 20 pages), weighted 1:1 or term paper (30 to 40 pages) or portfolio (approx. 50 hours) anguage of assessment: German and/or English assessment offered: Only when announced in the semester in which the courses are offered editable for bonus								
	Particip cation		nd allo- es	WA: Shoul (1) Stu sidera a. Am numb b. Wh place c. Am (2) An chair.	udents who already ation. ong applicants with er of ECTS credits a en places are alloc s will be allocated a ong applicants with y remaining places.	n the same number of achieved in the correstated in accordance what according to the averanthe same average grane available to studade according to studade according to studade	successfully complet ponding modules. (th b) and the number ge grade of assessme ade, places will be all ents who have not yet y progress (number of	red by the supervioled modules, place of applications exents taken in the clocated by lot. It successfully comf semesters); amo	es will b xceeds t correspo apleted a ong appl	e allocated according to the total			
	Additio	nal Info	ormation	Modu	le can be taught in	form of E Learning co	urse or as a block.						

12-M-SPM-242-	Indust	rial Man	agement	ment 3									
mo1	ECTS	5	Duration	1	1 semester	Method of gradin	g numerical grade	Modul le	vel	graduate			
	Course	!S			+ Ü (2) lle taught in: Gern	nan and/or English							
	Method	d of asso	essment	b) pre c) terr d) por Langu Asses	esentation (approx m paper (30 to 40 rtfolio (approx. 50 uage of assessme	pages) or hours) nt: German and/or Er	rm paper (15 to 20 pag		ered				
	cation	pants ar of place	S	WA: Shoul (1) Stu sidera a. Am numb b. Wh place c. Am (2) An chair. semes	Number of places: 20. WA: Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Students who already have successfully completed courses offered by the supervising chair will be given preferential consideration. a. Among applicants with the same number of successfully completed modules, places will be allocated according to the total number of ECTS credits achieved in the corresponding modules. b. When places are allocated in accordance with b) and the number of applications exceeds the number of available places, places will be allocated according to the average grade of assessments taken in the corresponding courses. c. Among applicants with the same average grade, places will be allocated by lot. (2) Any remaining places are available to students who have not yet successfully completed any courses of the supervising chair. The selection is made according to study progress (number of semesters); among applicants with the same number of semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated as they become available.								
12-M-HRM-242-				Module can be taught in form of E Learning course or as a block. gement and Industrial Relations									
mo1	ECTS	5	Duration	1	1 semester	Method of gradin	g numerical grade	Modul le	vel	graduate			
	Course	!S			+ Ü (2) le taught in: Engl	ish							
	Metho	d of asso		a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: English									
12-M-PROM-242-	Project	t Manag	ement an	nd Control									
mo1	ECTS	5	Duration		1 semester	Method of gradin	g numerical grade	Modul le	vel	graduate			
	Course	!S		V (2) + Ü (2) Module taught in: German and/or English									
	Metho	d of asso	essment	nt written examination (approx. 60 minutes) Language of assessment: German and/or English creditable for bonus									

10-I=SAR-161-m01	Softwa	re Arch	itecture								
	ECTS	5	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S	·	V (2)	+ Ü (2)						
				If ann of ond date) Langu credit	written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus						
	Additio	nal Info	ormation	Focus SE,IT,		udents of the Master's programme Informatik (Cor	mputer Science, 12	o ECTS credits):			
	Referre	d to in	LPO I	§ 22 l	l Nr. 3 b)						
12-M-CIU-242-m01		e Mana									
	ECTS	5	Duratio		1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S		V (2) + Ü (2) Module taught in: German and/or English							
	Method	d of ass	essment	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English Assessment offered: In the semester in which the course is offered creditable for bonus							
	Particip cation	oants ai		WA: Shou (1) St sidera a. Am numb b. Wh place c. Am (2) Ar chair.	udents who alread ation. ong applicants wi per of ECTS credits pen places are allo s will be allocated ong applicants wi by remaining place The selection is n	applications exceed the number of available places by have successfully completed courses offered by the the same number of successfully completed monachieved in the corresponding modules. Cated in accordance with b) and the number of applaccording to the average grade of assessments to the same average grade, places will be allocated as are available to students who have not yet successed according to study progress (number of semested allocated by lot. A waiting list will be maintained.	the supervising chodules, places will plications exceeds aken in the corresped by lot. essfully completed esters); among app	be allocated according to the total the number of available places, onding courses. any courses of the supervising blicants with the same number of			

12-M-ESE-242-m01	Entrepreneurship in Software-Ecosystems: Start & Scale Up, Venture Capital, Private Equity, EXIT											
	ECTS	5	Duration		Method of grading numerical grade	Modul level	graduate					
	Course	!S		V (2) + Ü (2) Module taught in: Ger	man and/or English							
	Method	d of ass		b) oral examination (o minutes) or c) term paper (15 to 20	n (approx. 60 minutes) or one candidate each: approx. 10 to 15 minutes, grou o pages) ent: German and/or English	ips of 2: approx. 20 n	ninutes, groups of 3: approx. 30					
		pants ar of place	25	(1) Students who alreadid sideration. a. Among applicants who number of ECTS credit b. When places are all places will be allocated. Among applicants who will be allocated. Among applicants which air. The selection is	Fapplications exceed the number of available place ady have successfully completed courses offered by with the same number of successfully completed mets achieved in the corresponding modules. located in accordance with b) and the number of a ed according to the average grade of assessments with the same average grade, places will be allocated are available to students who have not yet such made according to study progress (number of semilable allocated by lot. A waiting list will be maintain	oy the supervising chandules, places will be applications exceeds taken in the corresponded by lot. Incessfully completed nesters); among applications	air will be given preferential conce allocated according to the total the number of available places, onding courses. any courses of the supervising licants with the same number of					
12-M-APW1-161-	Selecte	ed Topio	s in Busir	ness Management and	· -	•	,					
mo1	ECTS	5	Duration	1 semester	Method of grading numerical grade	Modul level	graduate					
	Course	:S		V (2) + Ü (2)								
	Method	d of ass		a) written examination (approx. 60 to 90 minutes) or b) written examination (questions concerning mathematical methodology; approx. 120 minutes) or c) term paper (approx. 15 to 20 pages) or d) presentation (approx. 30 to 45 minutes) Language of assessment: German and/or English Assessment offered: In the semester in which the course is offered creditable for bonus								

12-M-AWI1-242-	Selecte	ed Topio	cs in Busi	ness l	nformation Systems	1						
mo1	ECTS	5	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S	·	Modi	V (2) + Ü (2) Module taught in: German and/or English Course type: alternatively S instead of V + Ü							
				b) processor c) orange minu Lang	a) written examination (approx. 60 minutes) or b) presentation (15 to 20 minutes) with term paper (approx. 20 pages), weighted 1:2 or c) oral examination (one candidate each: approx. 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) Language of assessment: German and/or English creditable for bonus							
12-M-TES-242-m01	Topics	in Ente	rprise Sys	tems	'		'					
	ECTS	5	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S			(2) + Ü (2) odule taught in: German and/or English							
	Method of assessment a) written examination (approx. 60 to 90 minutes) or b) written examination (questions concerning mathematical methodology; approx. 120 minutes) or c) term paper (15 to 20 pages) or d) presentation (30 to 45 minutes) Language of assessment: German and/or English Assessment offered: In the semester in which the course is offered creditable for bonus											
Track 2: Business A	Analytic	s (20 EC	TS credits	s)								
Core (10 ECTS credi	its)											
12-M-DSS-242-	Decisio	n Supp	ort Syste	ms								
mo1	ECTS	5	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses				+ Ü (2) ule taught in: English	1						
	Method of assessment			a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: approx. 10 to 15 minutes, groups of 2: approx. 20 minutes, groups of 3: approx. 30 minutes) Language of assessment: English creditable for bonus								

12-M-AOLM-182-	Advanc	ed Ope	rations &	Logist	ogistics Management							
mo1	ECTS	5	Duration	า	1 semester	Method of grading	numerical grade		Modul level	graduate		
	Course	S			V (2) + Ü (2) Module taught in: English							
	Method	d of ass	essment	b) ter Langu	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 to 20 pages) Language of assessment: English creditable for bonus							
12-M-BI-242-mo1	Analyti	cal Info	rmation S	ystem	S							
	ECTS	5	Duration	n	1 semester	Method of grading	numerical grade		Modul level	graduate		
	Courses				- HÜ (2) le taught in: English	1						
	Method of assessment			written examination (approx. 60 minutes) Language of assessment: English creditable for bonus								
Core Electives (10 E	CTS cre	dits)										
12-M-BI-242-m01	Analyti	cal Info	rmation S	System	S							
	ECTS	5	Duration	า	1 semester	Method of grading	numerical grade		Modul level	graduate		
	Courses			V (2) + Ü (2) Module taught in: English								
	Method of assessment			written examination (approx. 60 minutes) Language of assessment: English creditable for bonus								

12-M-EAI-242-m01	, , , , , , , , , , , , , , , , , , ,											
	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		V (2) + Ü (2) Module taught in: English								
	Method	d of asse	k c c L	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) or c) oral examination of one candidate each (approx. 20 minutes) or d) portfolio (approx. 50 hours) Language of assessment: English Assessment offered: In the semester in which the course is offered creditable for bonus								
	cation	oants an of places	5 f () 5 7 1 1 1 1 1 1	Number of places: 35. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Students who already have successfully completed courses offered by the supervising chair will be given preferential consideration. a. Among applicants with the same number of successfully completed modules, places will be allocated according to the total number of ECTS credits achieved in the corresponding modules. b. When places are allocated in accordance with 1.b) and the number of applications exceeds the number of available places, places will be allocated according to the average grade of assessments taken in the corresponding courses. c. Among applicants with the same average grade, places will be allocated by lot. (2) Any remaining places are available to students who have not yet successfully completed any courses of the supervising chair. The selection is made according to study progress (number of semesters); among applicants with the same number of semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated as they become available.								
10-I=OR-232-m01		ions Res										
	ECTS 5 Duratio Courses			n 1 semester Method of grading numerical grade Modul level graduate V (2) + Ü (2) Module taught in: German and/or English								
	Method of assessment			written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus								
	Additio	Additional Information			Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): IN							
	Referre	d to in L	PO I 8	§ 22 II Nr. 3 b)								

12-M-GL-	Global	Logistic	cs & Supp	ly Cha	y Chain Management						
SC-182-mo1	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S			+ Ü (2) le taught in: Engl	ish					
	Method	d of ass	essment	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 to 20 pages) Language of assessment: English creditable for bonus							
12-M-ATDS-242-	Topics	in Data	Science			,					
mo1	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S			+ Ü (2) le taught in: Engl	ish					
	Method	d of ass	essment	b) ter c) por Langu Asses	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) or c) portfolio (approx. 50 hours) Language of assessment: English Assessment offered: In the semester in which the course is offered creditable for bonus						
	Particip cation	of place	es	follow (1) Str sidera a. Am numb b. Wh place c. Am (2) Ar chair. seme	vs: udents who alreadation. ong applicants wer of ECTS credits en places are allos s will be allocated ong applicants were remaining place. The selection is users, places will	dy have successfully co ith the same number of a achieved in the corres ocated in accordance wi d according to the avera ith the same average gr es are available to stud- made according to stud- be allocated by lot. A w	mpleted courses offered by successfully completed moponding modules. (th 1.b) and the number of a ge grade of assessments to ade, places will be allocate ents who have not yet succey progress (number of seme	the supervising chapplications exceed aken in the correspond by lot. essfully completed esters); among applications	aces, places will be allocated as air will be given preferential conce allocated according to the total s the number of available places, onding courses. any courses of the supervising licants with the same number of ocated as they become available.		
12-M-TE-242-m01	Applied	Data S	Science in	Busin	ess and Economic	CS .					
	ECTS 5 Duratio			n	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S			+ Ü (2) le taught in: Engl	ish					
	Method of assessment			Langu	olio (approx. 50 ho uage of assessme able for bonus						

12-M-TDS-242-m01	Applied Da	ita Analysis a	nd Machine L	earning								
	ECTS 5	Duratio	n 1 sem	ester	Method of grading numerical grade	Modul level	graduate					
	Courses		V (2) + Ü (2) Module taug	ht in: Engli	sh							
	Method of	assessment	b) term pape Language of Assessment	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: English Assessment offered: In the semester in which the course is offered creditable for bonus								
12-M-OEDT-231-	Organizati	onal Econom	nics and Digital Transformation									
mo1	ECTS 5	Duratio	n 1 sem	ester	Method of grading numerical grade	Modul level	graduate					
	Courses	,	V (2) + Ü (2) Module taug	/ (2) + Ü (2) Module taught in: English								
	Method of	assessment	b) term pape Language of	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: English creditable for bonus								
12-M-APW2-161-	Selected Topics in Business Management and Economics 2											
mo1	ECTS 5	Duratio	n 1 sem	ester	Method of grading numerical grade	Modul level	graduate					
	Courses	·	V (2) + Ü (2)									
	Method of	assessment	a) written examination (approx. 60 to 90 minutes) or b) written examination (questions concerning mathematical methodology; approx. 120 minutes) or c) term paper (approx. 15 to 20 pages) or d) presentation (approx. 30 to 45 minutes) Language of assessment: German and/or English Assessment offered: In the semester in which the course is offered creditable for bonus									
12-M-AWI2-242-	Selected T	opics in Busi	ness Informat	ion System	5 2							
mo1	ECTS 5	Duratio	n 1 sem	ester	Method of grading numerical grade	Modul level	graduate					
	Courses		V (2) + Ü (2) Module taught in: German and/or English Course type: alternatively S instead of V + Ü									
	Method of	assessment	a) written examination (approx. 60 minutes) or b) presentation (15 to 20 minutes) with term paper (approx. 20 pages), weighted 1:2 or c) oral examination (one candidate each: approx. 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) Language of assessment: German and/or English creditable for bonus									

12 M TPA 2/2 mod	Topics	Topics in Business Analytics												
12-W-16A-242-III01	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate					
	Course		Duration	V (2) -		Method of grading	Humencar grade	Modulitevel	graduate					
	Course	3			le taught in: Germa	an and/or English								
	Method	d of asse	essment	a) writ b) writ c) terr d) pre Langu Asses	a) written examination (approx. 60 to 90 minutes) or b) written examination (questions concerning mathematical methodology; approx. 120 minutes) or c) term paper (15 to 20 pages) or d) presentation (30 to 45 minutes) Language of assessment: German and/or English Assessment offered: In the semester in which the course is offered creditable for bonus									
Track 3: Electronic	Busines	s (20 EC	TS credit											
Core (10 ECTS credi														
12-M-IBS-242-m01	E-Busir	ness Str	ategies											
	ECTS 5 Duration			<u> </u>	1 semester	Method of grading	numerical grade	Modul level	graduate					
	Course				V (2) + Ü (2) Module taught in: English									
	Method of assessment			a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: approx. 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) Language of assessment: English creditable for bonus										
12-M-MUS-242-	Mobile	and Ub	iquitous l	Busine	SS			,						
mo1	ECTS	5	Duration	า	1 semester	Method of grading	numerical grade	Modul level	graduate					
	Courses			V (2) + Ü (2) Module taught in: English										
	Method of assessment			a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: approx. 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) Language of assessment: English creditable for bonus										

Core Electives (10	ECTS credits)											
12-M-UGF1-242-	Corporate Ent	repreneur	ship ar	nd Innovation								
mo1	ECTS 5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses		V (2) -									
				le taught in: English								
	Method of ass	essment		a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) or								
			c) ora) oral examination of one candicate each (approx. 10 to 15 minutes) or oral examination in groups (groups of 2 approx. 20 mi-								
			nutes	nutes, groups of 3 approx. 30 minutes)								
MUCE			Langu	Language of assessment: English								
12-M-UGF2-182- mo1	Corporate Stra				NA (1 C 1°							
11101	ECTS 5 Duratio			1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses			/ (2) + Ü (2) Module taught in: English								
	Method of ass	essment		n) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) or								
				c) oral examination of one candidate each (approx. 10 to 15 minutes) or oral examination in groups (groups of 2 approx. 20 mi-								
			nutes	, groups of 3 approx	. 30 minutes)	p. o. v. 10 10 15 a. co.	, o. o.a. o.a	3. caps (3. caps or 1 approximus				
	,			age of assessment:								
12-M-UGF3-242-	Digital Entrepreneurship and Digital Transformation											
mo1	ECTS 5	Duratio		1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses		V (2) + Ü (2) Module taught in: English									
	Method of ass	essment		a) written examination (approx. 60 to 120 minutes) or								
				b) term paper (15 to 20 pages) or c) oral examination (one candidate each: approx. 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30								
			minut		andidate each: appr	ox. 10 to 15 illillutes;	groups or 2: approx. 20 i	illilutes; groups of 3: approx. 30				
			Language of assessment: English									
12-M-MA-242-m01	Marketing Ana	alytics	•				,					
	ECTS 5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses		V (2) + Ü (2) Module taught in: English									
	Method of ass	essment	a) written examination (approx. 60 to 120 minutes) or									
				b) term paper (15 to 20 pages)								
			Language of assessment: English creditable for bonus									
			creditable for bonus									

12-M-EC1-242-m01	E-Comr	merce			-			1				
	ECTS	5	Duration	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S			+ Ü (2) ıle taught in: Engli	ish						
	Method	d of ass	essment	b) ter Langu	a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus							
	Participants and allocation of places			WA: Shoul (1) Stu sidera a. Am numb b. Wh place c. Am (2) An chair.	Number of places: 15. WA: Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Students who already have successfully completed courses offered by the supervising chair will be given preferential consideration. a. Among applicants with the same number of successfully completed modules, places will be allocated according to the total number of ECTS credits achieved in the corresponding modules. b. When places are allocated in accordance with b) and the number of applications exceeds the number of available places, places will be allocated according to the average grade of assessments taken in the corresponding courses. c. Among applicants with the same average grade, places will be allocated by lot. (2) Any remaining places are available to students who have not yet successfully completed any courses of the supervising chair. The selection is made according to study progress (number of semesters); among applicants with the same number of semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated as they become available.							
12-M-SMGS-242-		gic Man		nt of Global Supply Chains								
mo1	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S			+ Ü (2) ıle taught in: Engli	ish						
	Method	d of ass	essment	Langu	en examination (ap uage of assessme table for bonus	pprox. 6o minutes) nt: English						
12-M-INST-242-		gic Man	agerial Ac	:counti	ing							
mo1	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S			V (2) + Ü (2) Module taught in: German and/or English							
	Method	d of ass	essment	b) teri Langu	m paper (approx.	(approx. 60 minutes) o 15 pages) nt: German and/or Engl						

12-M-APW3-161-	Selecte	ed Topi	cs in Busir	ness N	Management and Eco	onomics 3	,	1				
mo1	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		V (2)	+ Ü (2)							
	Method	d of ass	essment	b) wr c) ter d) pro Lang Asse	a) written examination (approx. 60 to 90 minutes) or b) written examination (questions concerning mathematical methodology; approx. 120 minutes) or c) term paper (approx. 15 to 20 pages) or d) presentation (approx. 30 to 45 minutes) Language of assessment: German and/or English Assessment offered: In the semester in which the course is offered creditable for bonus							
12-M-AWI3-242-	Selecte	ed Topi	cs in Busir	iess li	nformation Systems	3						
mo1	ECTS	5	Duration	า	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course			Modi Cour	V (2) + Ü (2) Module taught in: German and/or English Course type: alternatively S instead of V + Ü							
	Method of assessment			b) pro c) ora minu Lang	a) written examination (approx. 60 minutes) or b) presentation (15 to 20 minutes) with term paper (approx. 20 pages), weighted 1:2 or c) oral examination (one candidate each: approx. 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) Language of assessment: German and/or English creditable for bonus							
12-M-TEB-242-mo1	Topics	in Elec	tronic Bus	iness				'				
	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S			+ Ü (2) ule taught in: Germa	n and/or English						
	Method	d of ass	essment	a) written examination (approx. 60 to 90 minutes) or b) written examination (questions concerning mathematical methodology; approx. 120 minutes) or c) term paper (15 to 20 pages) or d) presentation (30 to 45 minutes) Language of assessment: German and/or English Assessment offered: In the semester in which the course is offered creditable for bonus								

Track 4: Artificial Ir	itelligend	ce (20 E	CTS cred	its)									
Core (10 ECTS credi	ts)												
12-M-EAI-242-m01	Enterpri	ise Al											
	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses	5			V (2) + Ü (2) Module taught in: English								
				b) teri c) ora d) poi Langu Asses	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) or c) oral examination of one candidate each (approx. 20 minutes) or d) portfolio (approx. 50 hours) Language of assessment: English Assessment offered: In the semester in which the course is offered creditable for bonus								
	Participants and allocation of places			follow (1) Stusidera a. Am numb b. Wh places c. Am (2) An chair.	udents who already ation. ong applicants with er of ECTS credits a en places are allocas will be allocated a ong applicants with remaining places. The selection is ma	have successfully conther same number of chieved in the corrested in accordance we coording to the average grane available to studied according to studied according to studied.	mpleted courses offered successfully completed ponding modules. With 1.b) and the number age grade of assessment ade, places will be allowed to the substant of years who have not yet a progress (number of	ed by the supervising ched modules, places will r of applications exceed the taken in the correspocated by lot. successfully completed semesters); among app	aces, places will be allocated as nair will be given preferential conbe allocated according to the total ds the number of available places, onding courses. any courses of the supervising plicants with the same number of ocated as they become available.				
12-M-BI-242-m01	Analytic	cal Infor	mation S	System	S								
	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses			V (2) + Ü (2) Module taught in: English									
	Method of assessment			written examination (approx. 60 minutes) Language of assessment: English creditable for bonus									

Core Electives (10 E	ECTS credits)								
10-AI=CV1-242-	Computer Vision 1								
mo1	ECTS 5 Duratio	n 1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses	V (2) + Ü (2) Module taught in: English							
		If announced by the lectuof one candidate each (a date).	anguage of assessment: English						
12-M-ATDS-242-	Topics in Data Science								
mo1	ECTS 5 Duration		Method of grading numerical grade	Modul level	graduate				
	Courses	V (2) + Ü (2) Module taught in: Englisl							
	Method of assessment	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) or c) portfolio (approx. 50 hours) Language of assessment: English Assessment offered: In the semester in which the course is offered creditable for bonus							
	Participants and allocation of places	follows: (1) Students who already sideration. a. Among applicants with number of ECTS credits a b. When places are allocated ac. Among applicants with (2) Any remaining places chair. The selection is many side and selection.	(1) Students who already have successfully completed courses offered by the supervising chair will be given prefered						
12-M-MA-242-mo1									
	ECTS 5 Duratio		Method of grading numerical grade	Modul level	graduate				
	Courses		V (2) + Ü (2) Module taught in: English						
	Method of assessment	a) written examination (a b) term paper (15 to 20 p Language of assessment creditable for bonus							

12-M-TE-242-m01	Applied	Data S	cience in	Busin	ess and Economics			1				
	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S			/ (2) + Ü (2)							
					le taught in: English							
	Method	d of ass	essment		olio (approx. 50 hour							
				Language of assessment: English creditable for bonus								
10-l=SNA-232-m01	Statisti	cal Net	work Anal	ysis				1				
	ECTS	5	Duration	1	1 semester Method of grading numerical grade Modul level graduate							
	Course	S			/ (2) + Ü (2) Module taught in: English							
				writte If ann of one date). Langu credit	anguage of assessment: English editable for bonus							
5	Additional Information Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): IN Machine Learning for Natural Language Processing											
10-I=NLP-212-m01							[A					
		5	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course			V (2) -			`					
	Method of assessment			If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus								
	Additio	nal Info	rmation	Focus	es available for stud	dents of the Master's	programme Informa	atik (Computer Science, 1	20 ECTS credits): AT,KI,HCI			
	Referre	d to in l	_PO I	§ 22 l	l Nr. 3 b)							
10-l=M-	Multilir	ngual N										
NLP-232-m01	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		V (2) - Modu	+ Ü (2) le taught in: Germar	n and/or English						
	Method	l of ass	essment	written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus								
	Referre	d to in l	PO I	§ 22 II Nr. 3 b)								

12-M-APW4-161-	Selecte	ed Topi	cs in Busir	ness N	Management and Eco	onomics 4		1			
mo1	ECTS	5	Duration	ı	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S		V (2)	+ Ü (2)						
	Method	d of ass	sessment	b) wr c) ter d) pro Lang Asse	written examination (approx. 60 to 90 minutes) or written examination (questions concerning mathematical methodology; approx. 120 minutes) or term paper (approx. 15 to 20 pages) or presentation (approx. 30 to 45 minutes) anguage of assessment: German and/or English ssessment offered: In the semester in which the course is offered reditable for bonus						
12-M-AWI4-242-	Selecte	ed Topi	cs in Busir	iess li	nformation Systems	4					
mo1	ECTS	5	Duration	ı	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Courses			V (2) + Ü (2) Module taught in: German and/or English Course type: alternatively S instead of V + Ü							
	Method of assessment			a) written examination (approx. 60 minutes) or b) presentation (15 to 20 minutes) with term paper (approx. 20 pages), weighted 1:2 or c) oral examination (one candidate each: approx. 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3 minutes) Language of assessment: German and/or English creditable for bonus					ninutes; groups of 3: approx. 30		
12-M-TAI-242-m01	Topics	in Artif	icial Intell	igenc	e			'			
	ECTS	5	Duration	ı	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S		V (2) + Ü (2) Module taught in: German and/or English							
	Method	d of ass	sessment	a) written examination (approx. 60 to 90 minutes) or b) written examination (questions concerning mathematical methodology; approx. 120 minutes) or c) term paper (15 to 20 pages) or d) presentation (30 to 45 minutes) Language of assessment: German and/or English Assessment offered: In the semester in which the course is offered creditable for bonus							

Compulsory Elective	es III: S	eminar	(10 ECTS (credits)					
12-M-MSS-242-	Advand	ed Sem	inar: Mar	keting	Strategy					
mo1	ECTS	10	Duration	n	1 semester	Method of grading numerical grade	Modul level	graduate		
	Course	S		S (2) Modu	le taught in: Germa	n and/or English				
	Method	Method of assessment			term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English					
	Participants and allo- cation of places			10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						
12-M-SI-242-m01	Advand	ed Sem	inar: Indu	ustrial	Management	.				
	ECTS	10	Duration	n	1 semester	Method of grading numerical grade	Modul level	graduate		
	Courses			S (2) Modu	Module taught in: German and/or English					
	Method of assessment			b) ter	m paper (15 to 20 p	ages) and presentation (approx. 20 minutes), weig ages) and presentation (approx. 45 minutes), weig : German and/or English				
		Participants and allo- cation of places			irrespective of thei	applications exceed the number of available placers subjects. (2) Places on all courses of the module and places re-ale	with a restricted	number of places will be allocated		
12-M-SER-242-mo1	Advand	ed Sem	inar: Fina	ncial A	Accounting					
	ECTS	10	Duration	n	1 semester	Method of grading numerical grade	Modul level	graduate		
	Course	S		S (2) Module taught in: German and/or English						
	Method of assessment			term paper (20 to 25 pages) and presentation (approx. 20 minutes) (weighted 2:1) Language of assessment: German and/or English						
	Participants and allocation of places			cants	ould the number of irrespective of thei	applications exceed the number of available placers applications exceed the number of available placers applications of the module and places re-along the maintained and places re-along the places re-along the maintained and along the m	with a restricted	number of places will be allocated		

M CDI		- 1.0									
12-M-SBL-242-mo1					1		1				
	ECTS	10	Duratio		1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S		S (2) Modu	le taught in: Germai	n and/or English					
	Method	d of ass	essment		term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English						
	cation	oants ar of place	?S	cants in the	ould the number of irrespective of their same procedure. (3	applications exceed the number of available place r subjects. (2) Places on all courses of the module w s) A waiting list will be maintained and places re-all	ith a restricted i	number of places will be allocated			
12-M-SSL-242-m01	Advanc	ed Sem	inar: Ana	lytical	Tax Research						
	ECTS 10 Duration Courses			า	1 semester	Method of grading numerical grade	Modul level	graduate			
				S (2) Modu	le taught in: Germai	n and/or English					
	Method of assessment				term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English						
	Participants and allocation of places				10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						
12-M-ES-242-m01	Advanc	ed Sem	inar: Ente	erprise	Systems	·	•				
	ECTS	10	Duratio	1	1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S		S (2) Module taught in: German and/or English							
	Method	Method of assessment			term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English						
	Participants and allocation of places			cants	ould the number of irrespective of their	applications exceed the number of available place subjects. (2) Places on all courses of the module w 3) A waiting list will be maintained and places re-all	vith a restricted i	number of places will be allocated			

12-M-SPO-242-	Advanc	ed Sem	ninar: Top	ics in I	Personnel Economic	s and Organizational	Theory	1	-		
mo1	ECTS	10	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S		S (2) Modu	S (2) Module taught in: English						
	Method	Method of assessment			term paper (approx. 20 pages) and presentation with sub-presentation including discussion (approx. 50 minutes), weighted 1:1 Language of assessment: English						
	Particip cation		nd allo- es	WA1: (1) Sh cants	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						
12-M-SAS-242-	Advanc	ed Sen	inar: Enti	epren	eurship and Manag	ement					
mo1	ECTS	10	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S		S (2) Modu							
	Method	Method of assessment			term paper (approx. 20 pages) and presentation (15 to 30 minutes), weighted 2:1 Language of assessment: German and/or English Assessment offered: Once a year, winter semester						
		Participants and allocation of places			10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						
12-M-AU-	Advanc	ed Sem	ninar: Mai	nageria	al Accounting	-	•				
AS-242-m01	ECTS	10	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S		S (2) Module taught in: German and/or English							
	Method	Method of assessment			term paper (15 to 20 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English Assessment offered: Once a year, summer semester creditable for bonus						
	Participants and allocation of places			cants	nould the number of irrespective of thei	r subjects. (2) Places	the number of available on all courses of the mo e maintained and places	dule with a restricted i	allocated by lot among all appli- number of places will be allocated they become available.		

12-M-BUA-242-	Busine	ss Anal	ytics								
mo1	ECTS	10	Duratio	1	1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S		S (2) Modu	le taught in: Germa	n and/or English					
	Method	d of ass	essment		term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English						
		oants ar of place		WA1: (1) Sh cants	no places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						
12-M-LSCM-242-	Semina	ar: Appl	ied Analy	tics in	Logistics & Supply	Chain Management					
mo1	ECTS	10	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	!S		S (2) Modu	Module taught in: German and/or English						
	Method	d of ass	essment			es) and presentation (approx. 20 minutes), we : German and/or English	ighted 2:1				
	Participants and allocation of places			cants	ould the number of irrespective of thei	applications exceed the number of available praces on all courses of the mod A waiting list will be maintained and places	lule with a restricted r	number of places will be allocated			
12-M-WUE-242-	Econon	nic and	Business	Ethics		· · · · · · · · · · · · · · · · · · ·	,				
mo1	ECTS	10	Duratio	<u> </u>	1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S		S (2) Module taught in: German and/or English							
	Method	d of ass	essment	term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English							
	Participants and allocation of places			cants	ould the number of irrespective of thei	applications exceed the number of available properties of the mod r subjects. (2) Places on all courses of the mod 3) A waiting list will be maintained and places	lule with a restricted r	number of places will be allocated			

12-M-SWJ-242-m01	Practic	al Semi	nar: Econ	omic J	ournalism	-		-				
,	ECTS	10	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		S (2) Modu	S (2) Module taught in: German and/or English							
	Method	d of ass	essment		portfolio on observation visit, including work samples (approx. 40 pages) Language of assessment: German and/or English							
		oants ar of place		WA1: (1) Sh cants	which was a procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.							
12-M-WPJ-242-m01	Project	Modul:	Journalis	m in E	conomic Policy	'						
	ECTS	10	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses				le taught in: Germa	n and/or English		•				
	Method	d of ass	essment	portfolio (e. g. record of research activities, commentary, text analyses of different types of media); approx. 3 items with a duration of 3 minutes each, audio/video format or text format approx. 20 pages Language of assessment: German and/or English Assessment offered: In the semester in which the course is offered creditable for bonus								
	Participants and allocation of places			10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all appli cants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.								
12-M-APS-242-	Project	: Select	ed Topics	in Bu	siness Management	t and Economics I						
mo1	ECTS	10	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		S (2) Modu	le taught in: Germa	n and/or English						
	Method of assessment			term paper (approx. 20 pages) and presentation (approx. 20 minutes); (weighted 2:1) Language of assessment: German and/or English Assessment offered: In the semester in which the course is offered creditable for bonus								
	Participants and allo- cation of places			10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.								

12-M-APS2-242-	Project	: Select	ed Topics	in Bu	siness Management	t and Economics II					
mo1	ECTS	10	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S		S (2) Modu	S (2) Module taught in: German and/or English						
	Method	d of ass	essment	Langi	term paper (approx. 20 pages) and presentation (approx. 20 minutes); (weighted 2:1) Language of assessment: German and/or English Assessment offered: In the semester in which the course is offered creditable for bonus						
		oants ar of place		WA1: (1) Sh cants	wA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						
12-M-ATIÖ1-242-	Interna	tional E	conomic	5 1	'						
mo1	ECTS	10	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S		S (2) Modu	Module taught in: English						
	Method of assessment				paper (approx. 15 pa lage of assessment:		on (approx. 40 minutes) with t	hesis paper (1 pa	ge) (weighted 3:1)		
	Participants and allo- cation of places			cants	ould the number of irrespective of their	subjects. (2) Places		with a restricted i	allocated by lot among all appli- number of places will be allocated they become available.		
12-M-ATIÖ2-242-	Interna	tional E	conomic	5 2							
mo1	ECTS	10	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S		S (2) Module taught in: English							
	Method of assessment			term paper (approx. 15 pages) and presentation (approx. 40 minutes) with thesis paper (1 page) (weighted 3:1) Language of assessment: English							
	Participants and allocation of places			cants	ould the number of irrespective of their	subjects. (2) Places		with a restricted i	allocated by lot among all appli- number of places will be allocated they become available.		

12-M-ATIÖ3-242-	Interna	tional E	Conomic	 5 3							
mo1	ECTS	10	Duratio	า	1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S		S (2) Modu	le taught in: English	1					
	Method	d of ass	essment		term paper (approx. 15 pages) and presentation (approx. 40 minutes) with thesis paper (1 page) (weighted 3:1) Language of assessment: English						
	cation	oants ar of place	?S	WA1: (1) Sh cants in the	(1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						
12-M-AM-	Semina	ar: Inter	national I	Econon	nics		,				
TlÖ-242-m01	ECTS	10	Duratio	1	1 semester	Method of grading numerical grade	Modul level	graduate			
	Courses			S (2) Modu	Module taught in: English						
	Method of assessment				term paper (approx. 15 pages) and presentation (approx. 40 minutes) with thesis paper (1 page) (weighted 3:1) Language of assessment: English						
		oants ar of place		WA1: (1) Sh cants	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						
12-M-SIO-242-m01	Advanc	ed Sem	inar: Indi	ıstrial	Organization						
	ECTS	10	Duratio	า	1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S		S (2) Module taught in: English							
	Method	d of ass	essment	term paper (approx. 20 pages) and presentation (approx. 20 minutes); (weighted 2:1) Language of assessment: English							
	Participants and allocation of places			cants	ould the number of irrespective of their	applications exceed the number of available place r subjects. (2) Places on all courses of the module v 3) A waiting list will be maintained and places re-al	with a restricted i	number of places will be allocated			

12-M-SWOSP-242-												
mo1	ECTS	10	Duratio	n	1 semester	Method of grading numerical grade	e	Modul level	graduate			
	Course	S		S (2) Modu	Module taught in: English							
	Method	d of ass	essment	term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: English								
	Particip cation			WA1: (1) Sh cants	WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.							
12-M-SV5-242-m01	Advanc	ed Sem	inar: Pub	lic Fina	ance							
	ECTS	10	Duration	1	1 semester	Method of grading numerical grade	e	Modul level	graduate			
	Course	S		S (2) Modu	S (2) Module taught in: English							
	Method	d of ass	essment	term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: English Assessment offered: Once a year, summer semester								
		oants ar of place		10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.								
12-M-SOE-242-	Advanc	ed Sem	inar: Eco	nomet	rics		•					
mo1	ECTS	10	Duratio	n	1 semester	Method of grading numerical grade	e	Modul level	graduate			
	Course	S		S (2) Module taught in: English								
	Method	d of ass	essment	term paper (approx. 15 pages) and presentation (approx. 20 minutes); (weighted 2:1) Language of assessment: English								
	Participants and allocation of places			10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.								

12-M-MEW-242-	Semina	ar: Macı	roeconom	ics and	ics and Quantitative Economic Research						
mo1	ECTS	10	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S		S (2) Modu	Module taught in: English						
	Method	d of ass	essment		term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: English						
		oants ar of place	nd allo- es	WA1: (1) Sh cants	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						
12-M-ATC-242-m01	Semina	ar: Strat	tegic Ince	ntive D	esign						
	ECTS	10	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S		S (2) Modu							
	Method	d of ass	essment		term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: English						
	Participants and allo- cation of places			WA1: (1) Sh cants	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all cants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be a in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						
12-M-SE-	Semina	ar: E-Bu	siness St	rategie	 es	· ·	•				
BS-242-m01	ECTS	10	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S	•	S (2) Module taught in: German and/or English							
	Method	d of ass	essment	term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English Assessment offered: Once a year, winter semester							
	Participants and allo- cation of places			cants	ould the number of irrespective of their	applications exceed the number of available processes and subjects. (2) Places on all courses of the moces A waiting list will be maintained and places	lule with a restricted i	number of places will be allocated			

12-M-TFF-2//2-m01	Seminar: Topics in Economics and Ethics of Artificial Intelligence												
24201	ECTS 10 Duration				1 semester	Method of grading numerical grade	Modul level	graduate					
	Course	S		S (2) Module taught in: English									
	Method	d of ass	essment	term paper (15 to 20 pages) and presentation (approx. 30 minutes); (weighted 60:40) Language of assessment: English									
	cation	of place		10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.									
12-M-RS-242-m01	Research Seminar in Applied Data Science												
	ECTS	10	Duratio		1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses			S (2) Module taught in: English									
	Method	d of ass	essment	term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: English									
	Particip cation		nd allo- es	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.									
12-M-UAAI-242-	Enterprise AI and Urban Analytics												
mo1	ECTS 10 Duration		1	1 semester	Method of grading numerical grade	Modul level	graduate						
	Courses			S (2) Module taught in: English									
	Method	d of ass	essment	term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: English									
	Particip cation		nd allo- es	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.									

12-M-ICP-242-m01	Seminar: International Climate Policy												
	ECTS	CTS 10 Duration		n	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses			S (2) Module taught in: English									
	Method of assessment			term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: English									
	Participants and allocation of places			10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.									
Thesis (30 ECTS cre	Thesis (30 ECTS credits)												
12-WI-MA-192-m01	2-WI-MA-192-mo1 Master Thesis Information Systems												
	ECTS	30	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S		No co	No courses assigned to module								
	Method of assessment			Master's thesis (approx. 60 to 80 pages) Language of assessment: German and/or English									
	Additio	nal Info	rmation	Time to complete: 6 months									